[Name of Document] CLAIMS

[Claim 1]

A disk apparatus comprising a chassis outer sheath having a base body and a lid, in which a front surface of said chassis outer sheath is formed with a disk inserting opening into which a disk is directly inserted, said base body is formed with a deep bottom and a shallow bottom, said shallow bottom is disposed on a side of said deep bottom, said lid covers said deep bottom and said shallow bottom, wherein

a first narrow groove having a predetermined length projecting toward said base body and a second narrow groove having a predetermined length projecting in a direction opposite from said first narrow groove are formed on an end of said lid on the side of the front surface.

[Claim 2]

The disk apparatus according to claim 1, wherein said first narrow groove is gradually increased in height from its center toward its end.

[Claim 3]

The disk apparatus according to claim 1, wherein said lid is provided at its central portion with an opening, a ring-like narrowed portion projecting toward said base body is formed on an outer periphery of said opening, said ring-like narrowed portion comprises a first ring-like narrowed portion provided on the outer periphery of the opening and a second ring-like narrowed portion provided on an outer periphery of said first ring-like narrowed portion, a projecting height of said first ring-like narrowed portion is higher than a projecting height of said second ring-like narrowed portion.

[Claim 4]

The disk apparatus according to claim 1, wherein said base body is provided at its front surface with a front guider lying astride said deep bottom and said shallow bottom, said front

guider is fastened to said deep bottom and said shallow bottom.

[Claim 5]

The disk apparatus according to claim 1, wherein said shallow bottom includes a connection end which is connected to said deep bottom, an opposed end which is not connected to said deep bottom, and an inclined end which is adjacent to said connection end and said opposed end, said opposed end is formed with a rising portion which extends toward said lid, said rising portion is formed at its upper end with a connection piece which extends toward said deep bottom, said base body and said lid are fastened to each other by said connection piece.

[Claim 6]

The disk apparatus according to claim 5, wherein said connection piece is provided on an end of said opposed end which is connected to said inclined end.

[Claim 7]

The disk apparatus according to claim 5, wherein said inclined end is formed at its portion with a rising portion which abuts against said lid.

[Claim 8]

The disk apparatus according to claim 1, wherein a connection piece which is in parallel to a surface of said deep bottom is formed on an upper end of a sidewall of said deep bottom on the side of its rear surface, and said base body and said lid are fastened to each other by said connection piece.

[Claim 9]

The disk apparatus according to claim 8, wherein said connection piece is provided on a corner on the side of said shallow bottom.

[Claim 10]

The disk apparatus according to claim 1, wherein a hook which is engaged with a sidewall of said base body on the side of the rear surface is provided on a central portion of the sidewall of said lid on the side of the rear surface.

[Claim 11]

The disk apparatus according to claim 1, wherein a hook which is engaged with a sidewall of said base body is provided on a sidewall of said lid on the side of the deep bottom.